Information Technology

Recommended Program of Study for:
Web Design and Development

Learning that works for Nevada CTE

Career Cluster: Information Technology	Career Pathway: Web & Digital Communications

9th Grade	10th Grade	11th Grade	12th Grade	Postsecondary
English I	English II	English III	English IV	College of Southern Nevada
Great Basin College
Nevada State College
Truckee Meadows Community College
University of Nevada, Las Vegas
University of Nevada, Reno
Western Nevada College
Algebra I	Geometry I	Algebra II	Senior Level Math Course	
Biology	Chemistry or Geoscience	Junior Level Science Course	Elective[1]	
Health / Computer Literacy	World History	US History	US Government	
Physical Education	Physical Education	Foreign Language[2] or Elective[1]	Foreign Language[2] or Elective[1]	
Web Design and Development I	Web Design and Development II	Web Design and Development III	Web Design and Development AS	**Career and Technical Student Organizations**

Work-Based Learning	Secondary	-- Articulation --	Postsecondary	
Job Shadowing
Internship / Work Experience
Career Day / Fair
Field Trips / Guest Speakers	Web Design and Development I
Web Design and Development II
Web Design and Development III		Up to 6 credits at College of Southern Nevada
Up to 3 credits at Great Basin College
Up to 3 credits at Truckee Meadows Community College
Up to 6 credits at Western Nevada College
(subject to change)	SkillsUSA/FBLA

CTE Assessments[3]	Available Industry Certifications		High Wage - High Skill - High Demand Careers[4]	
End of Program Technical Assessment for Web Design and Development
Workplace Readiness Skills Assessment (for Employability Skills Standards)	**Certification**
CIW Site Development Associate
Adobe Certified Associate: Flash, Dreamweaver, Photoshop	**Provider**
Certification Partners, LLC
Adobe Systems/Certiport	Web Developer
Search Engine Marketing Specialist
Site Developer	Streaming Media Specialist
Web Administrator
Webmaster

This Program of Study is based upon the requirements needed for an Advanced Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

[1] Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

[2] Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

[3] CTE Assessments will be administered during the completion level CTE course.

[4] For additional career and employment information visit http://www.nvcis.intocareers.org/ and http://www.NevadaYouth.org